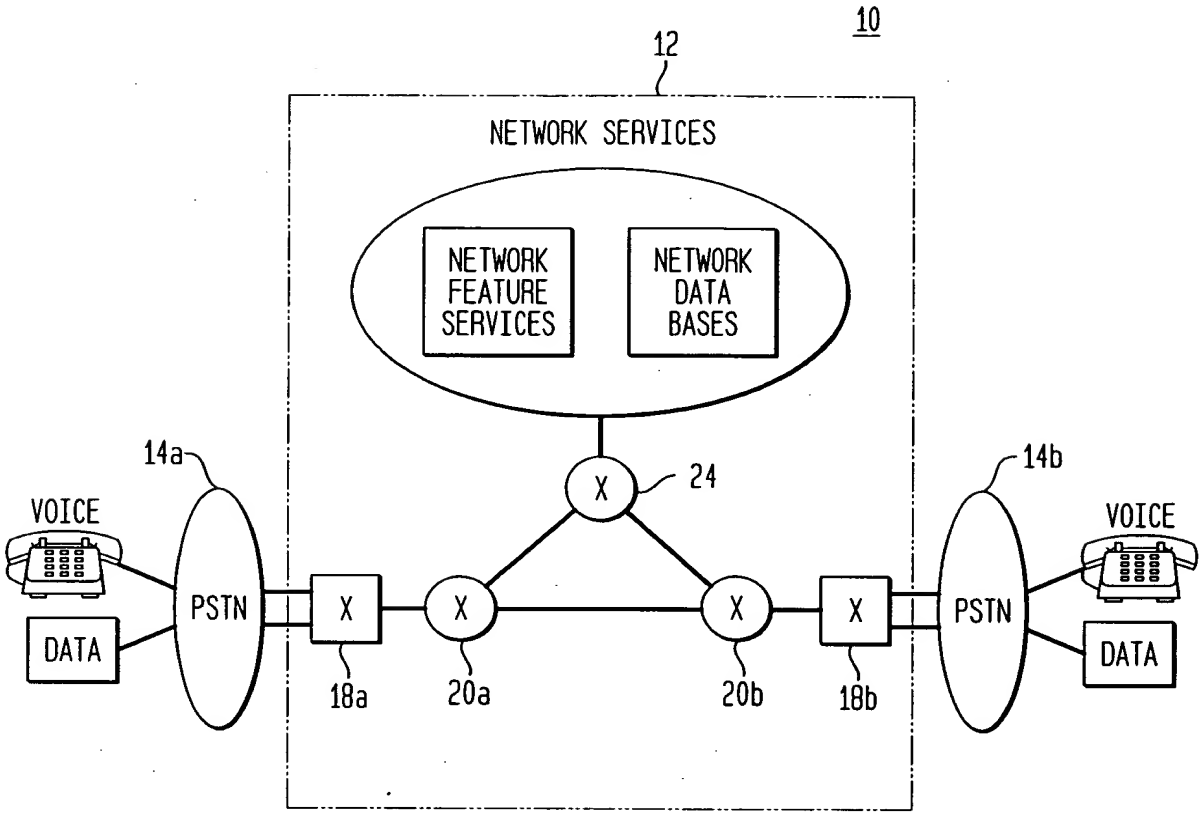
APPROVED O.G. FIG.
BY CLASS SUBCLASS
DRAFTSMAN



FIG. 1



APPROVED O.G. FIG.
BY CLASS SUBCLASS
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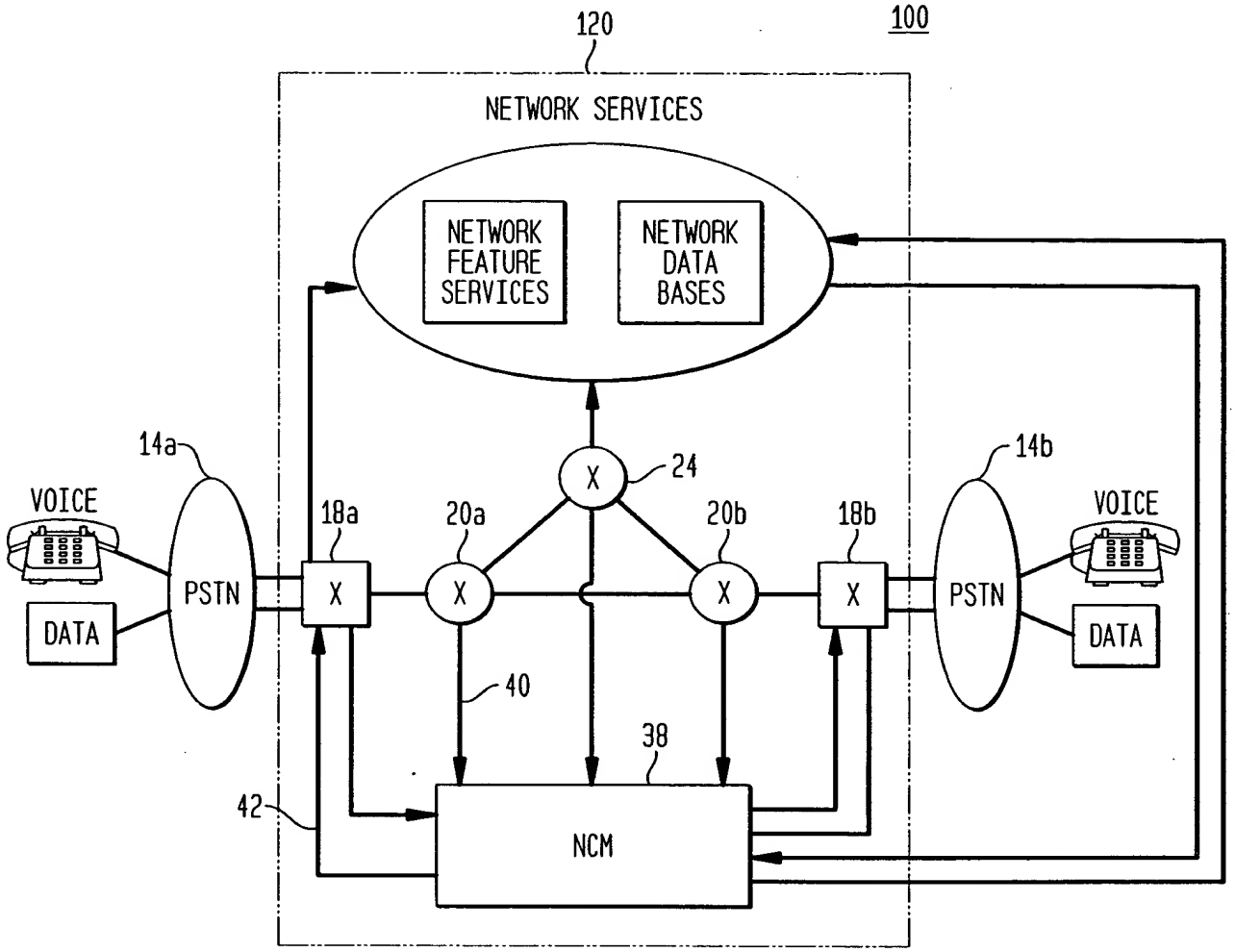
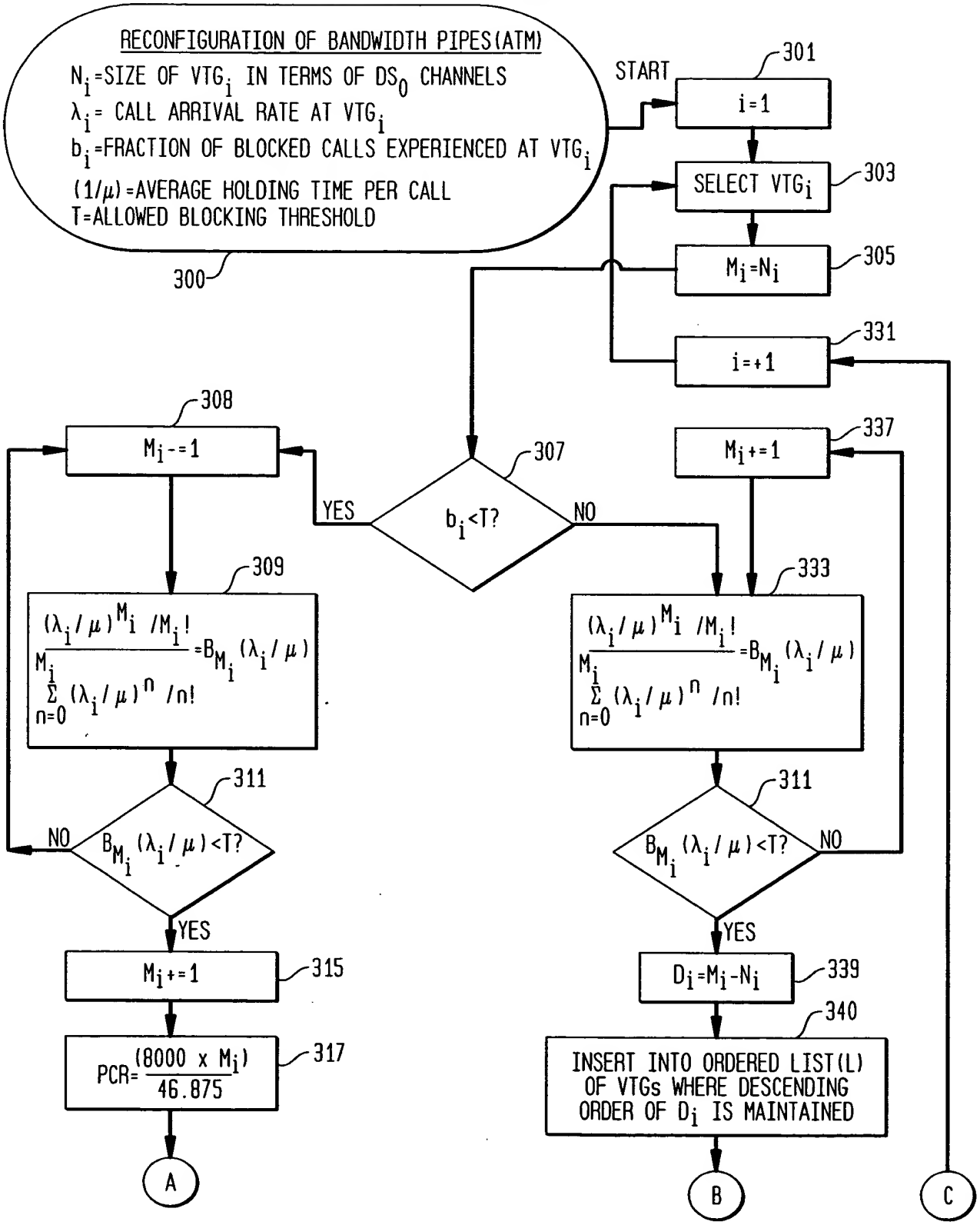
FIG. 2



APPROVED O.G. FIG.
BY
DRAFTSMAN



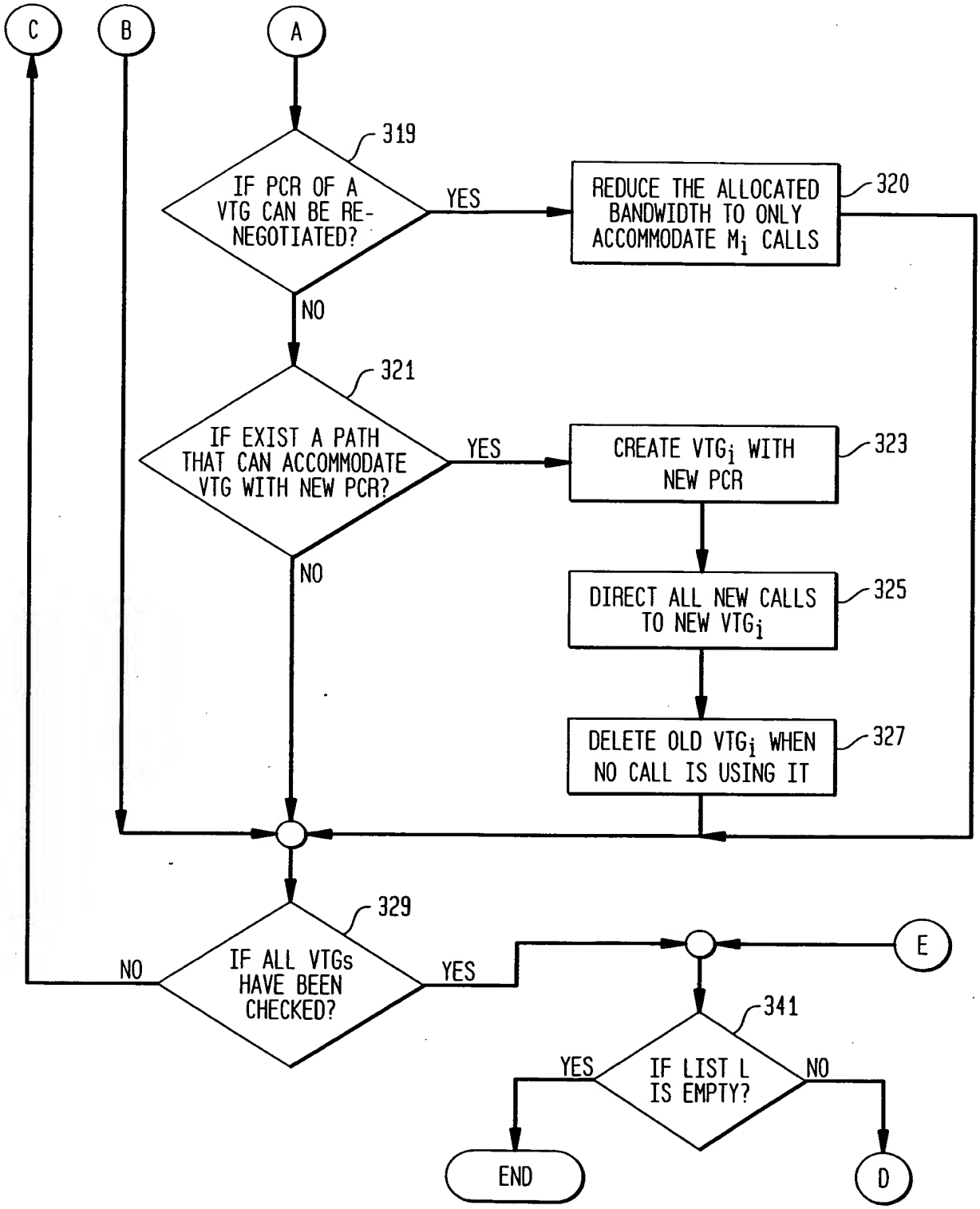
FIG. 3A



APPROVED O.G. FIG
BY CLASS SUBCLASS
DRAFTSMAN



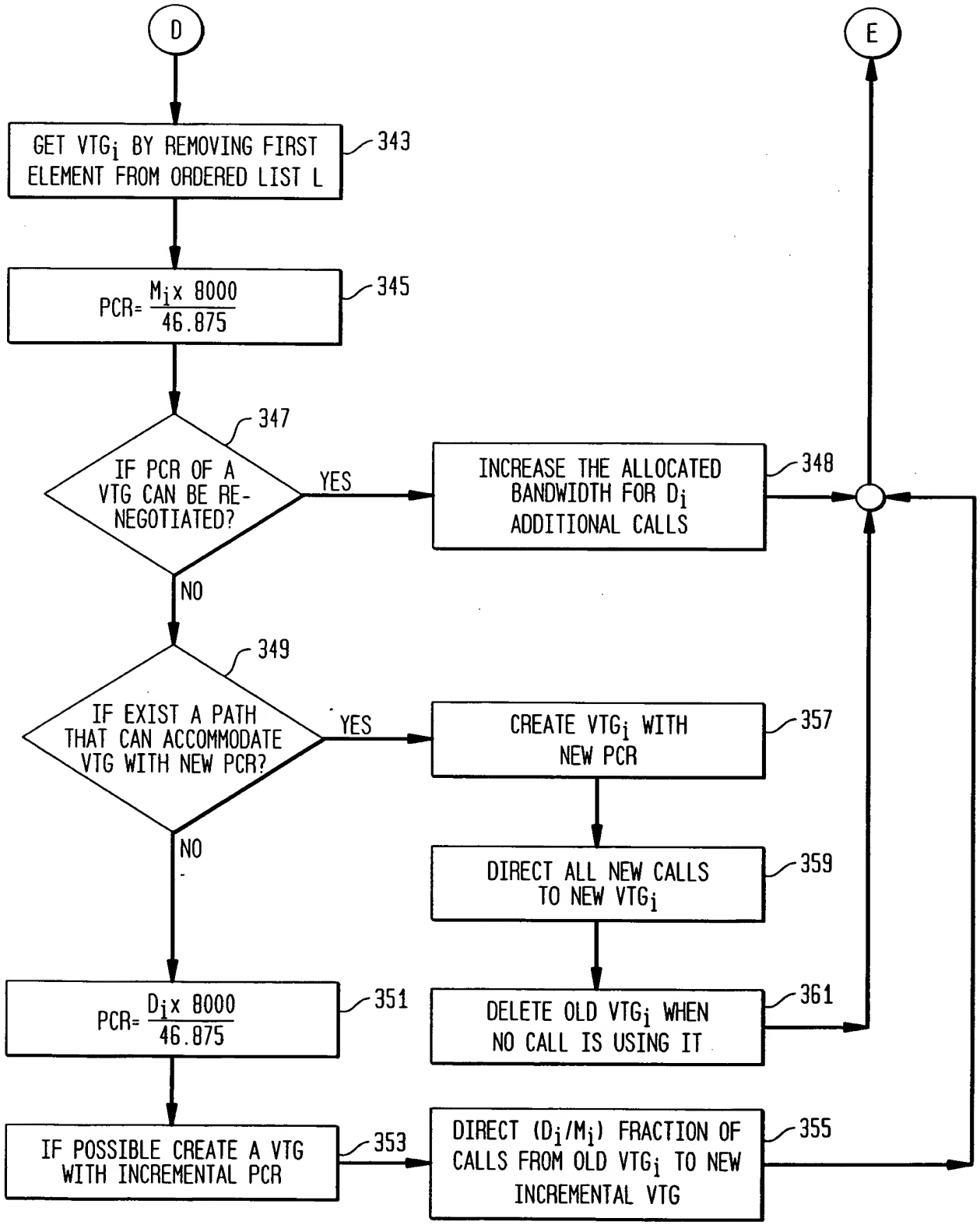
FIG. 3B



APPROVED O.G. FIG.
BY
CLASS SUBCL



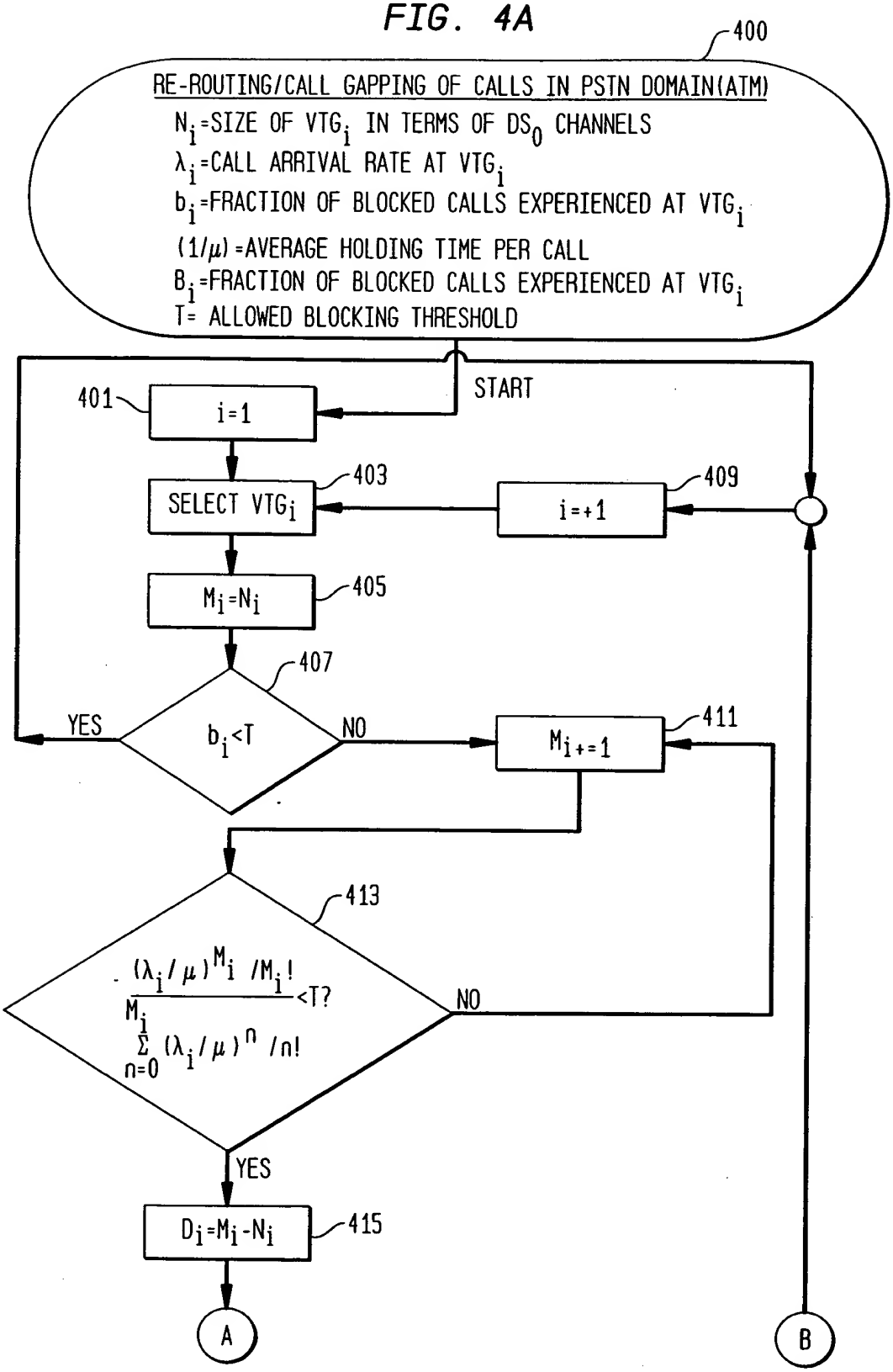
FIG. 3C



APPROVED O.G. FIG.
BY CLASS SUBCLASS
DRAFTSMAN



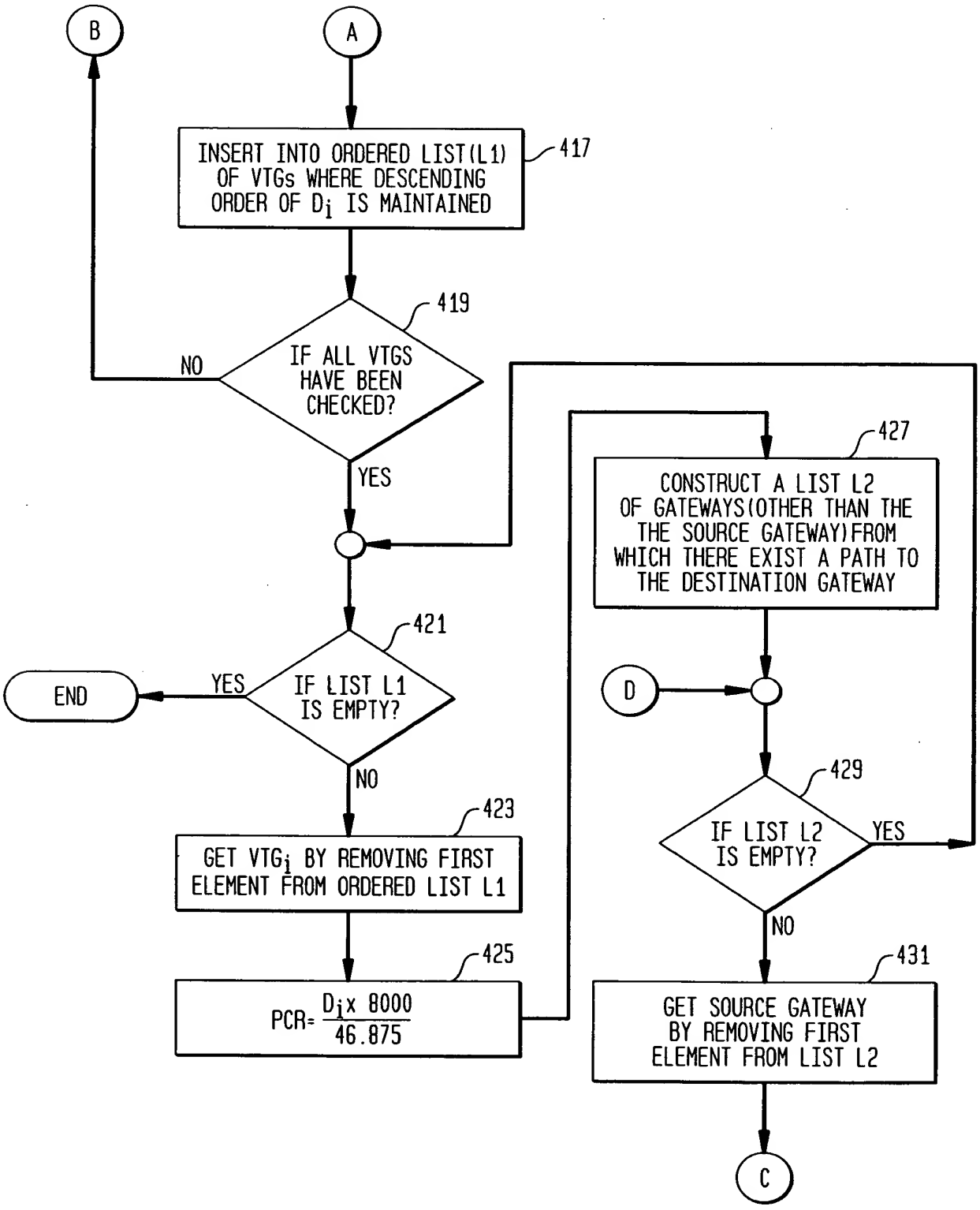
FIG. 4A



APPROVED BY DRAFTSMAN | O.G. FIG. CLASS SUBCLASS



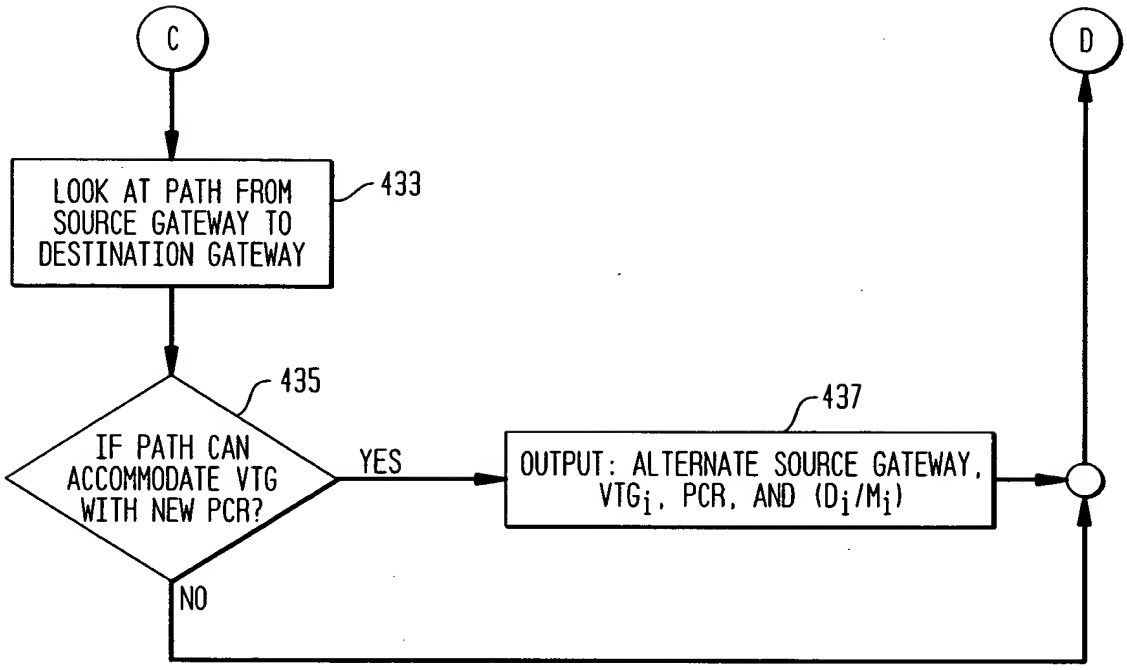
FIG. 4B



APPROVED O.G. FIG.
BY CLASS SUBCLASS
DRAFTSMAN



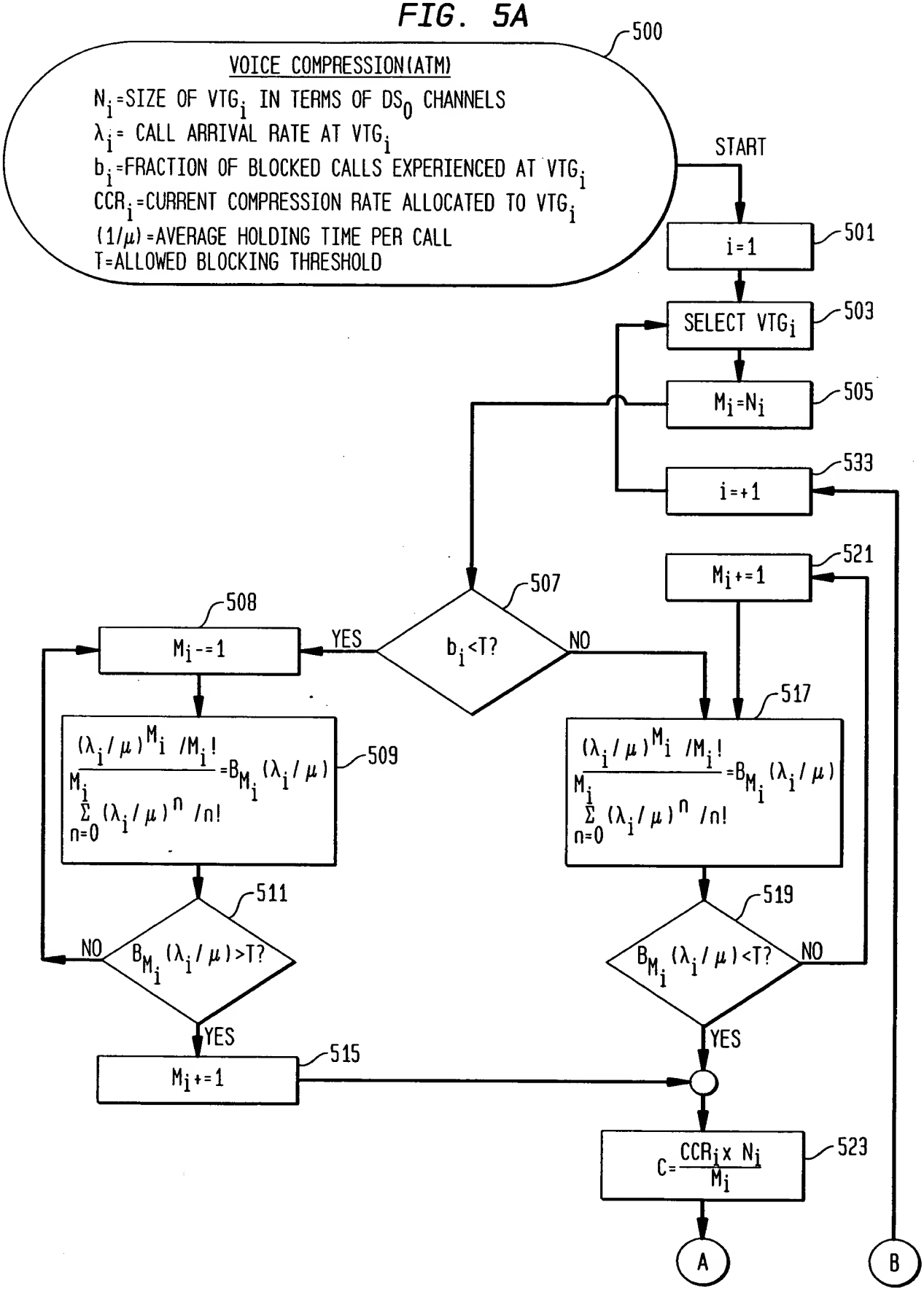
FIG. 4C



APPROVED O.G. FIG.
BY CLASS SUBCLASS
DRAFTSMAN



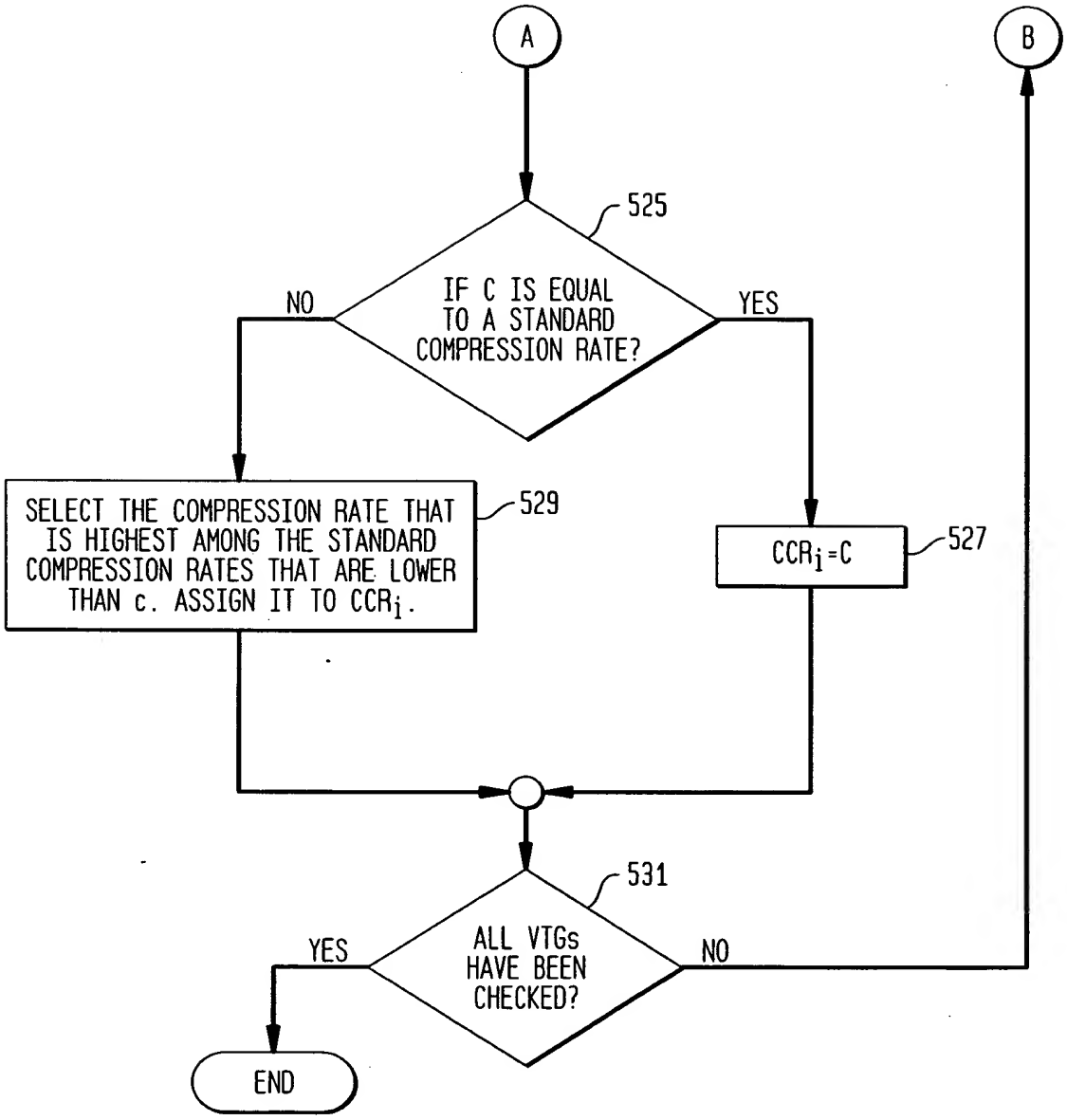
FIG. 5A



APPROVED O.G. FIG.
BY CLASS SUBCLASS
DRAFTSMAN



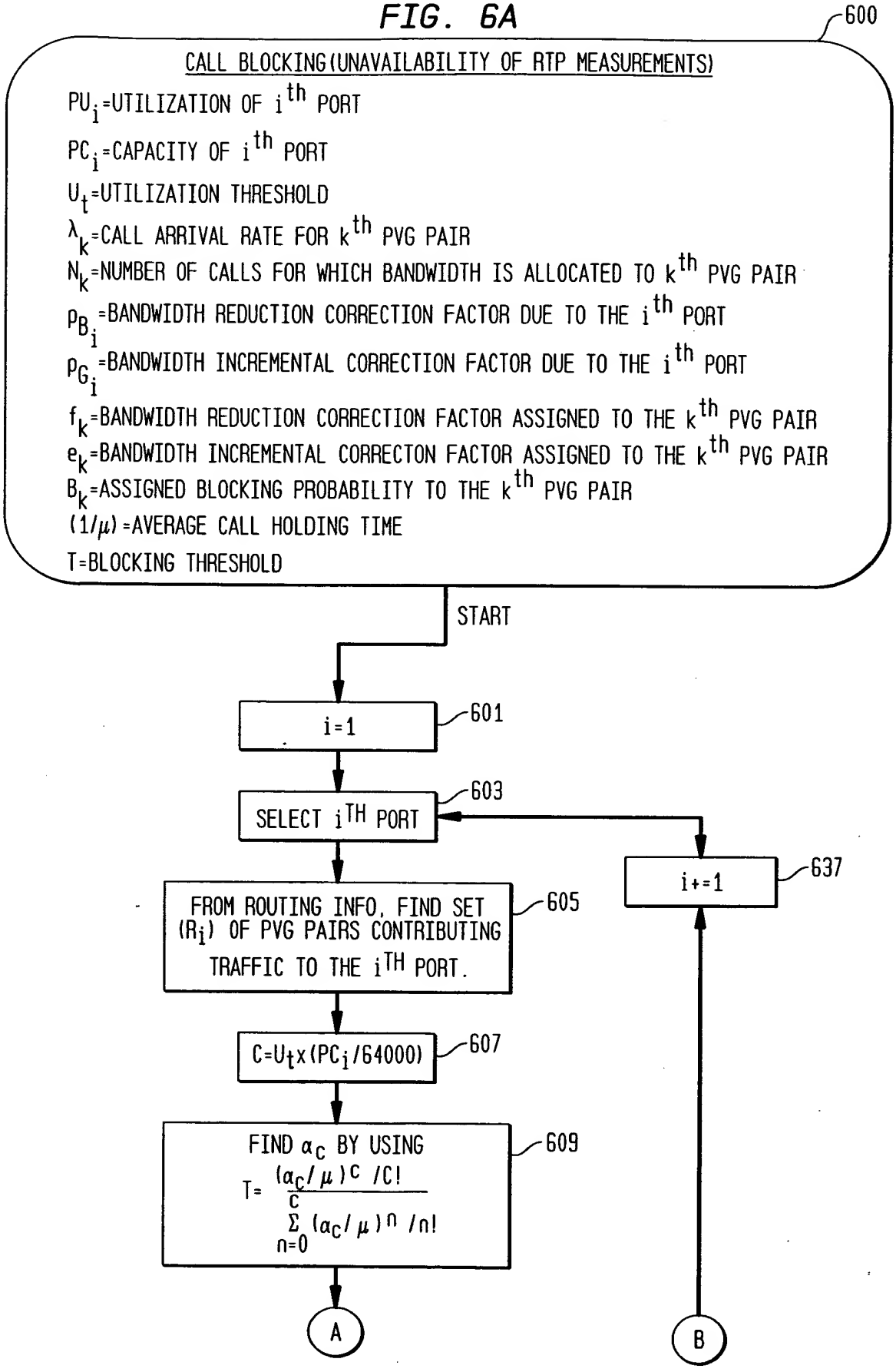
FIG. 5B



APPROVED O.G. FIG.
BY CLASS SUBCLASS
DRAFTSMAN



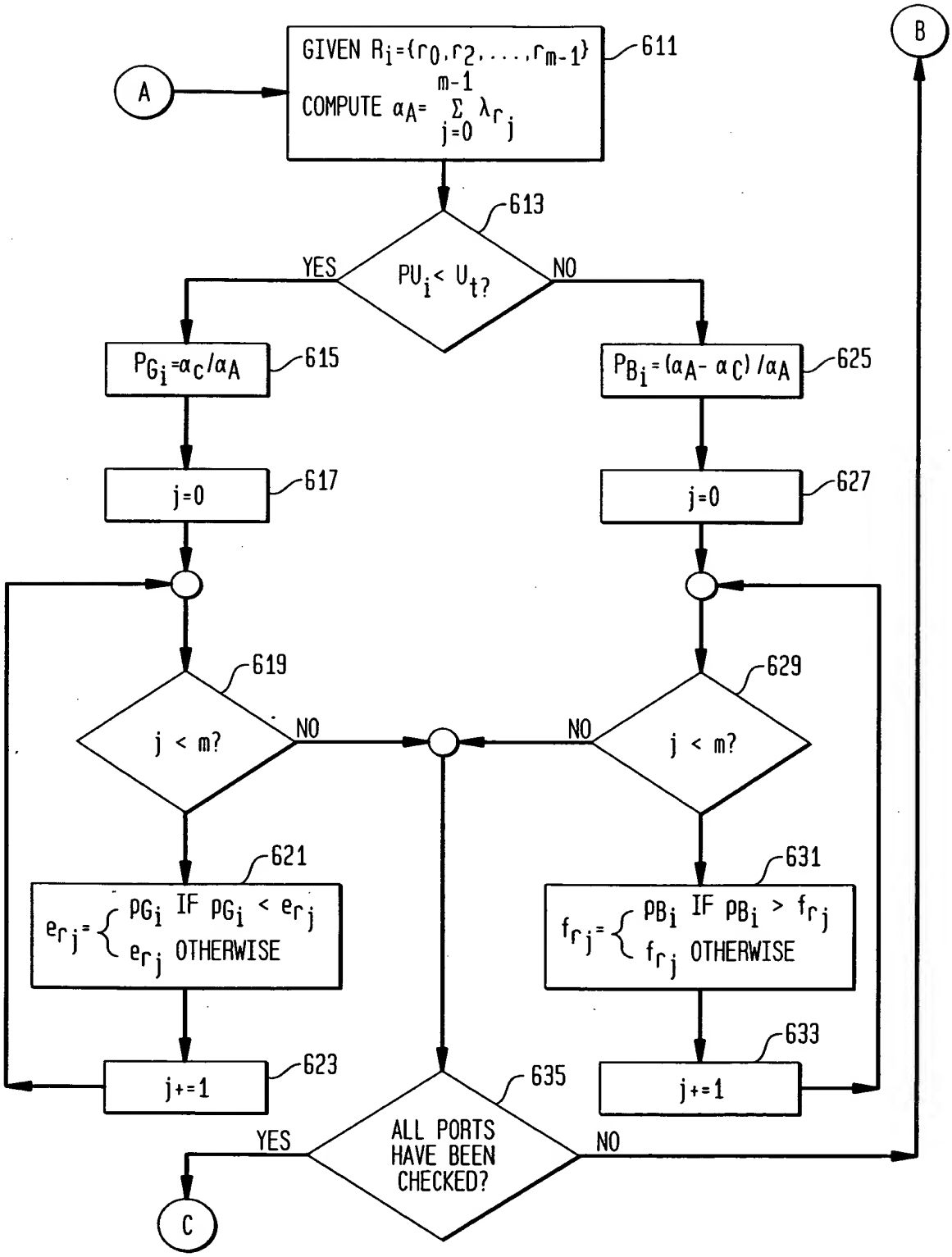
FIG. 6A



APPROVED O.G. FIG.
BY CL. 395 SUBCLASS
EXAMINER



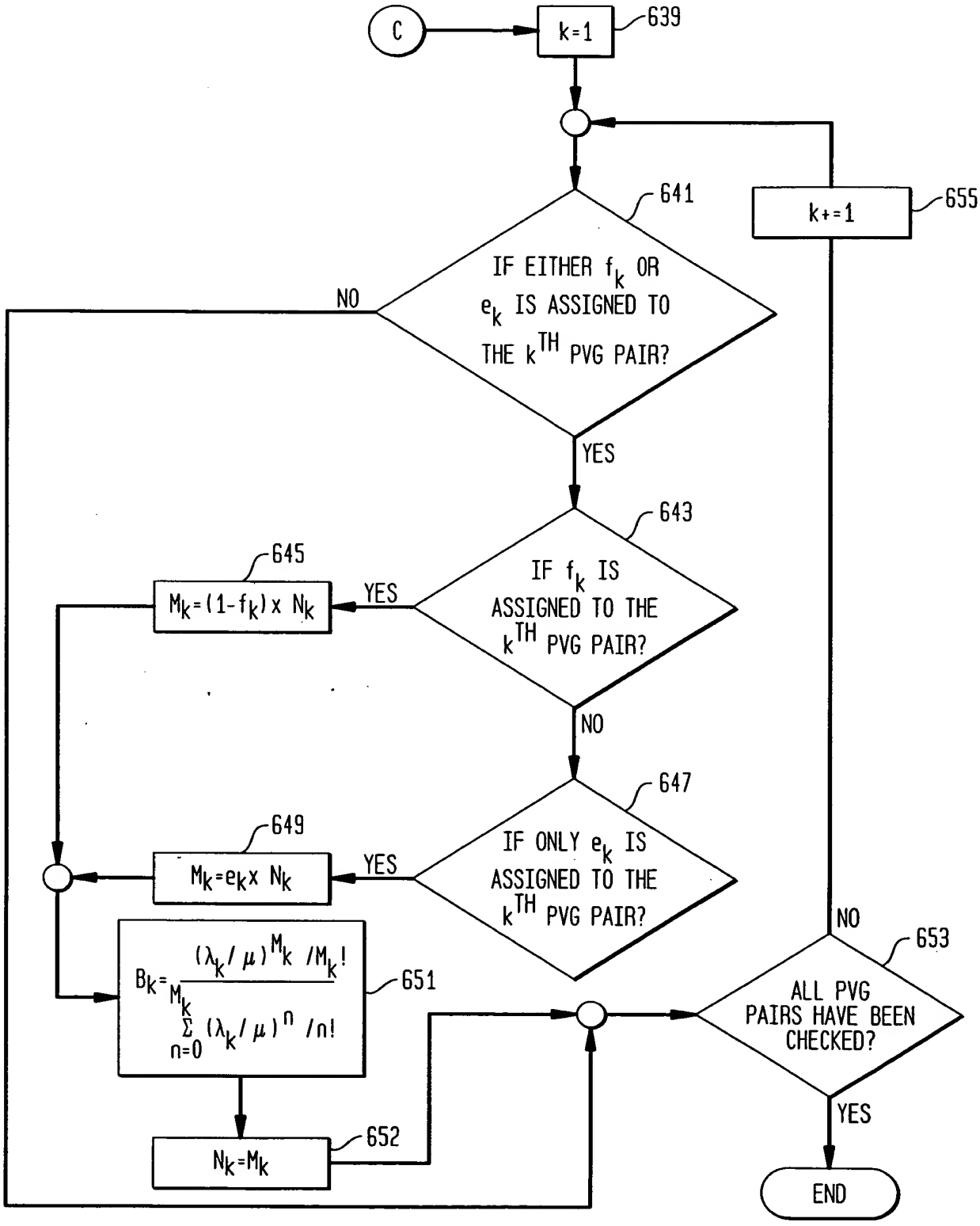
FIG. 6B



APPROVED O.G. FIG
BY
DRAFTSMAN



FIG. 6C



APPROVED BY DRAFTSMAN
FIG.
CL 33 SUBCLASS



FIG. 7A

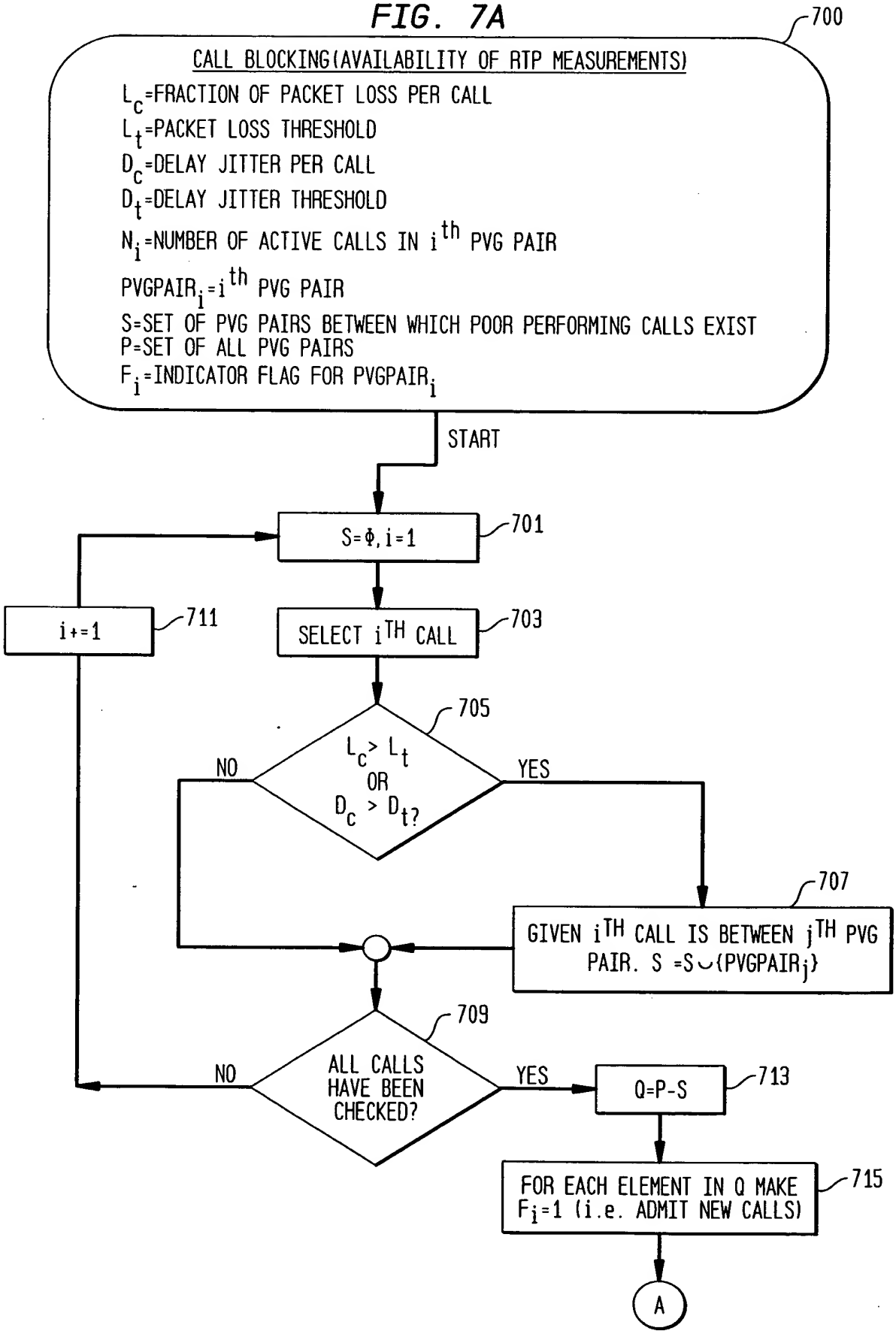
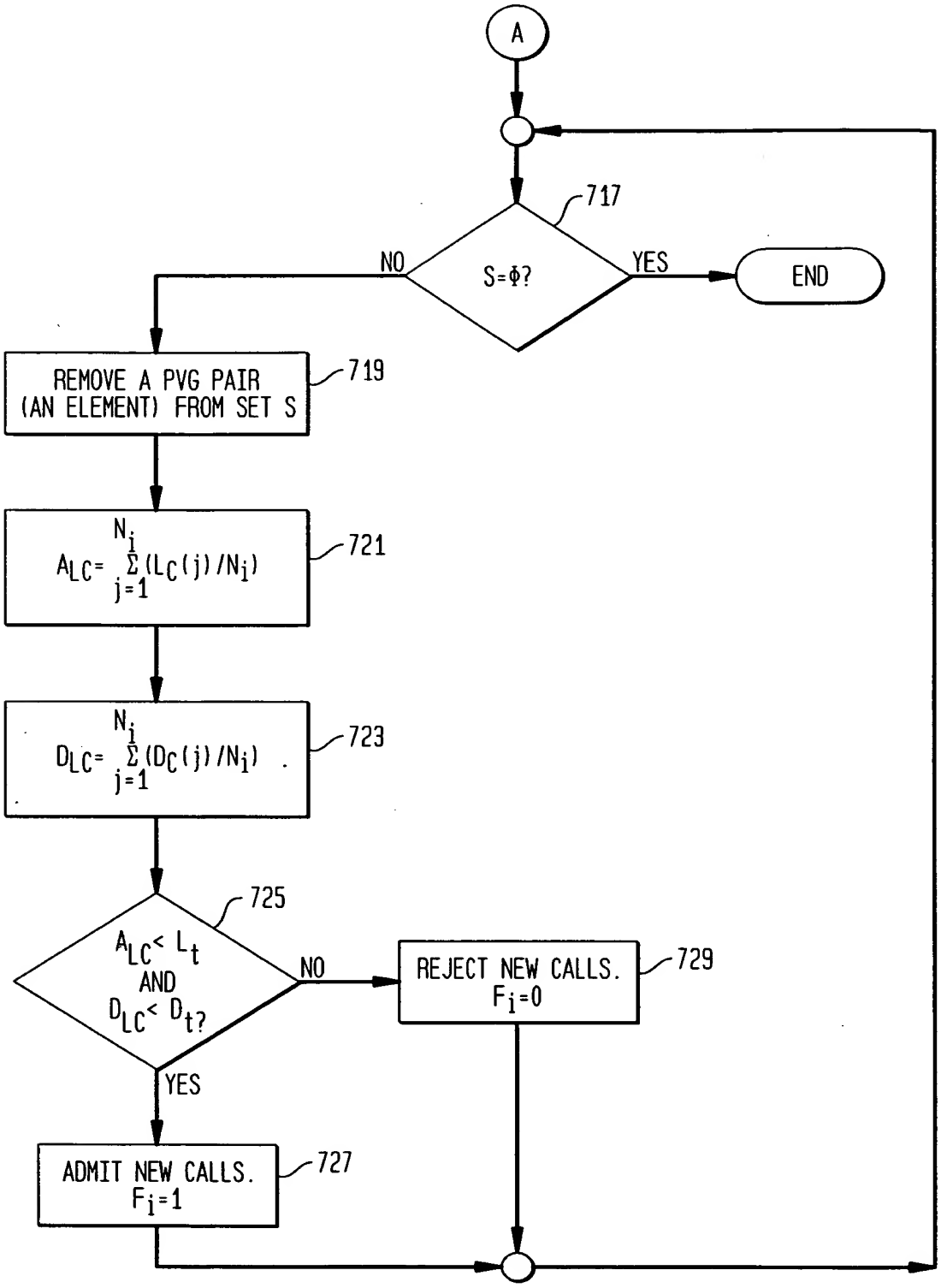


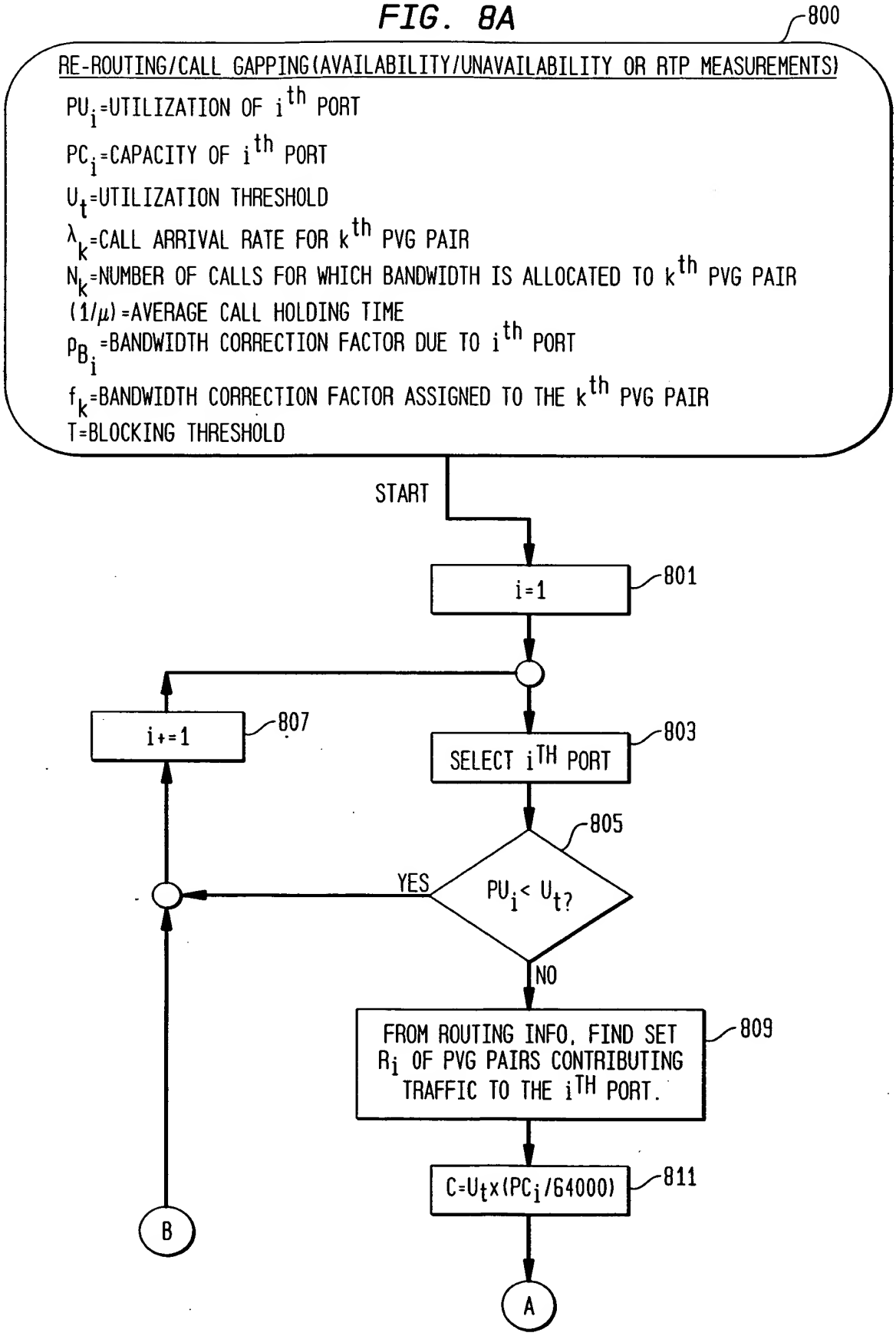
FIG. 7B


A
717
S=Φ?
NO
YES
END
REMOVE A PVG PAIR (AN ELEMENT) FROM SET S
719
$A_{LC}=\sum_{j=1}^{N_i}(L_C(j)/N_i)$
721
$D_{LC}=\sum_{j=1}^{N_i}(D_C(j)/N_i)$
723
725
$A_{LC}< L_t$ AND $D_{LC}< D_t$?
NO
REJECT NEW CALLS. $F_i=0$
729
YES
ADMIT NEW CALLS. $F_i=1$
727

APPROVED BY DRAFTSMAN | O.G. FIG. CLASS | SUBCLASS



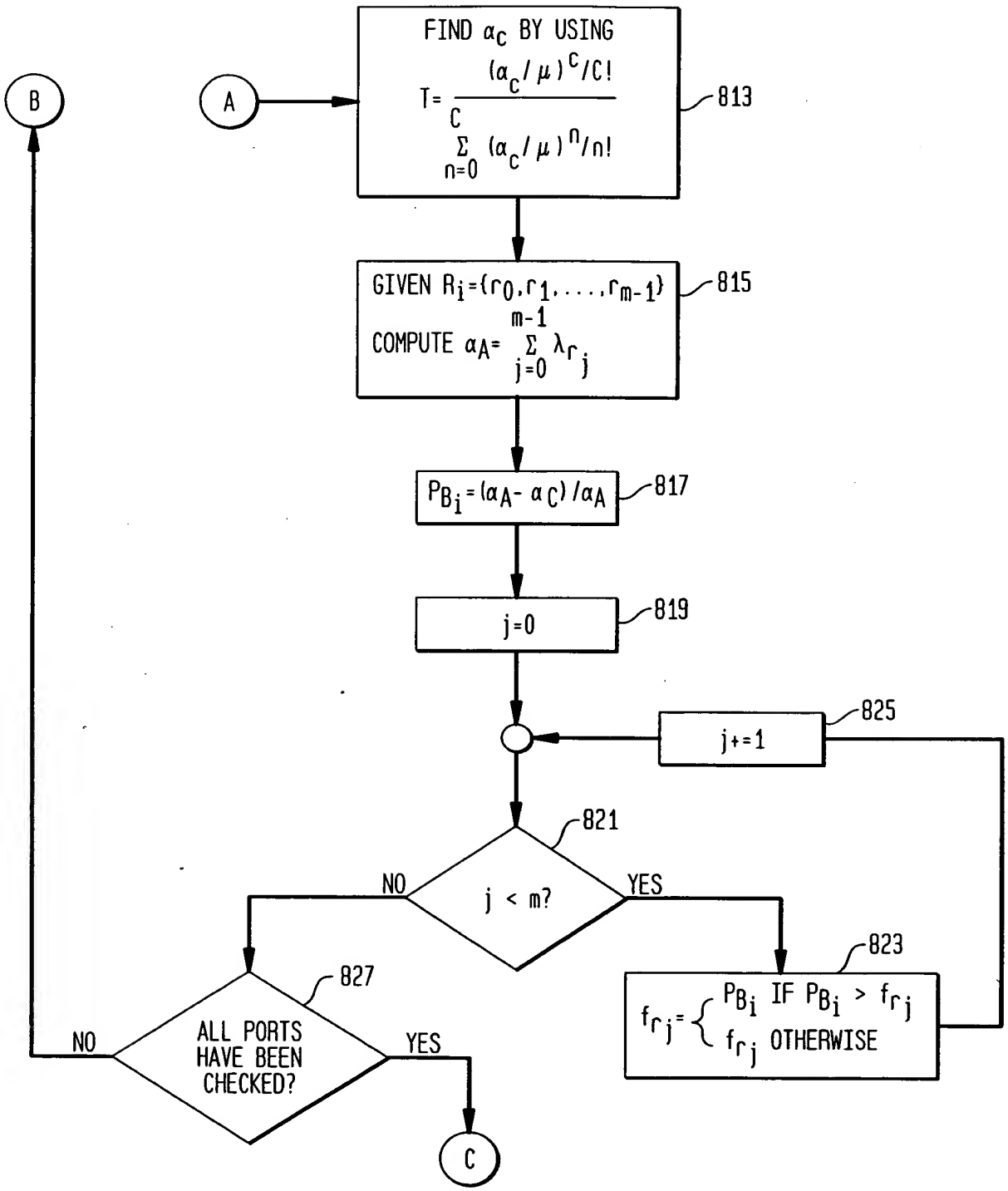
FIG. 8A



APPROVED O.G. FIG.
BY CLASS SUBCLASS
DRAFTSMAN



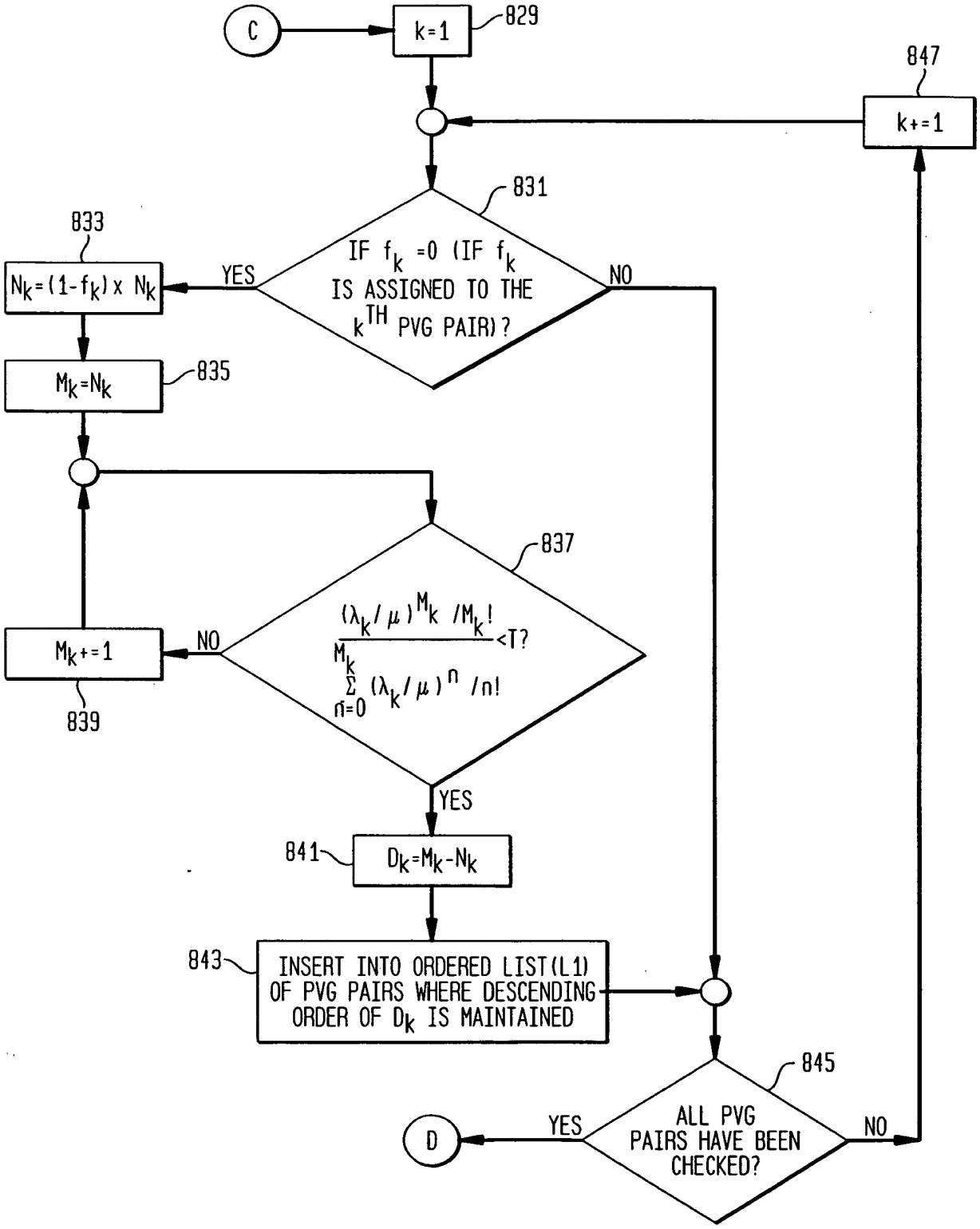
FIG. 8B



APPROVED O.G. FIG.
BY CLASS SUBCL
DRAFTSMAN



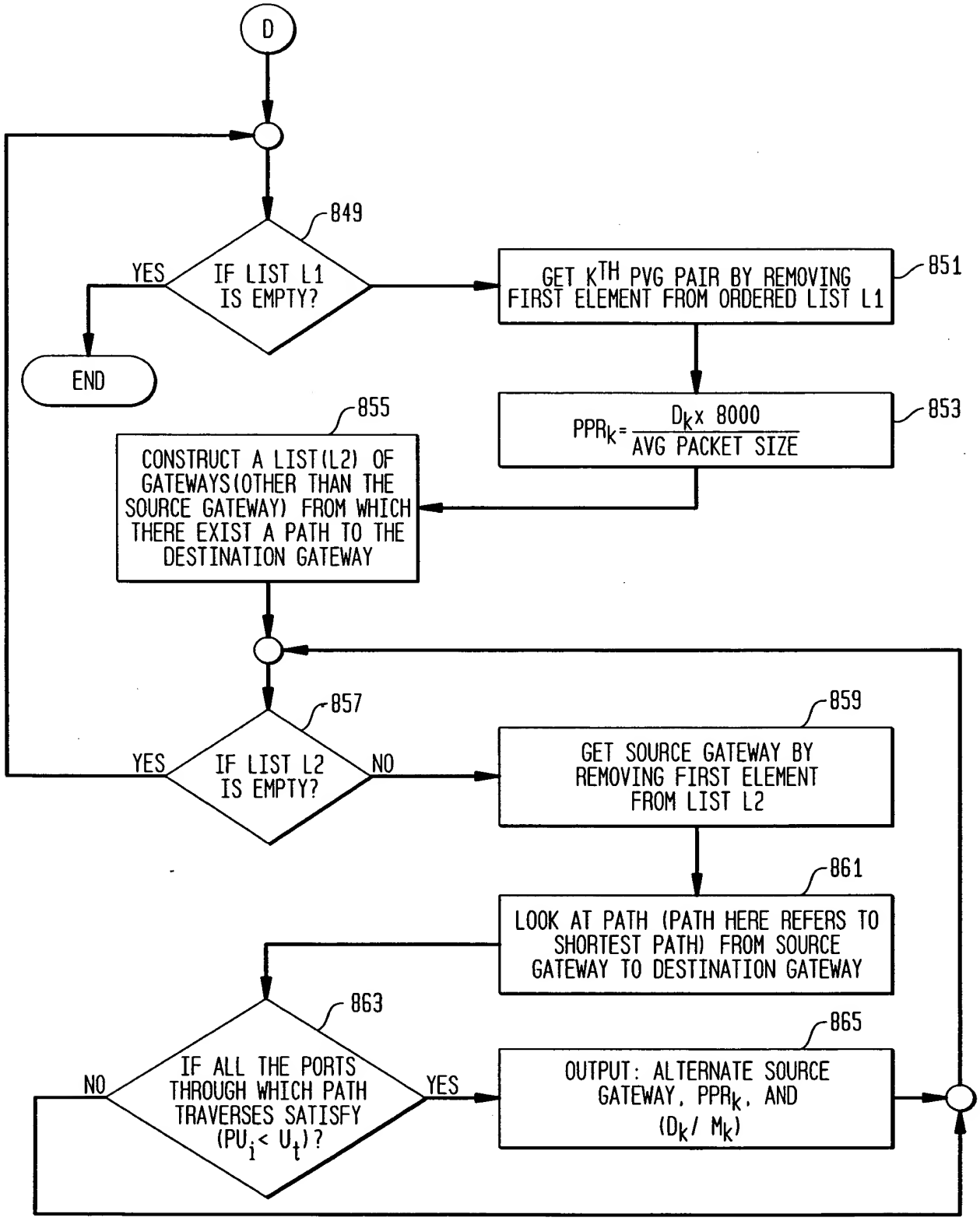
FIG. 8C



APPROVED O.G. FIG.
CLASS SUBCLASS



FIG. 8D



APPROVED O.G. FIG.
BY CLASS SUBCL.



FIG. 9A

900

COMPRESSION (AVAILABILITY/UNAVAILABILITY OF RTP MEASUREMENTS)

$U_i$=UTILIZATION OF $i^{th}$ PORT

$PC_i$=CAPACITY OF $i^{th}$ PORT

$U_t$=UTILIZATION THRESHOLD

$\lambda_k$=CALL ARRIVAL RATE FOR $k^{th}$ PVG PAIR

$N_k$=NUMBER OF CALLS FOR WHICH BANDWIDTH IS ALLOCATED TO $k^{th}$ PVG PAIR

$CCR_k$=CURRENT COMPRESSION RATE ALLOCATED TO $k^{th}$ PVG PAIR

$\rho_{B_i}$=BANDWIDTH REDUCTION FACTOR DUE TO THE $i^{th}$ PORT

$\rho_{G_i}$=BANDWIDTH INCREMENTAL FACTOR DUE TO THE $i^{th}$ PORT

$f_k$=BANDWIDTH REDUCTION CORRECTION FACTOR ASSIGNED TO THE $k^{th}$ PVG PAIR

$e_k$=BANDWIDTH INCREMENTAL CORRECTON FACTOR ASSIGNED TO THE $k^{th}$ PVG PAIR

$(1/\mu)$=AVERAGE CALL HOLDING TIME

T=BLOCKING THRESHOLD

START

i=1 — 901

SELECT $i^{TH}$ PORT — 903

FROM ROUTING INFO, FIND SET ($R_i$) OF PVG PAIRS CONTRIBUTING TRAFFIC TO THE $i^{TH}$ PORT. — 905

$C=U_t x(PC_i/64000)$ — 907

FIND $a_c$ BY USING $T=\dfrac{(a_c/\mu)^c/C!}{\sum_{n=0}^{c}(a_c/\mu)^n/n!}$ — 909

A

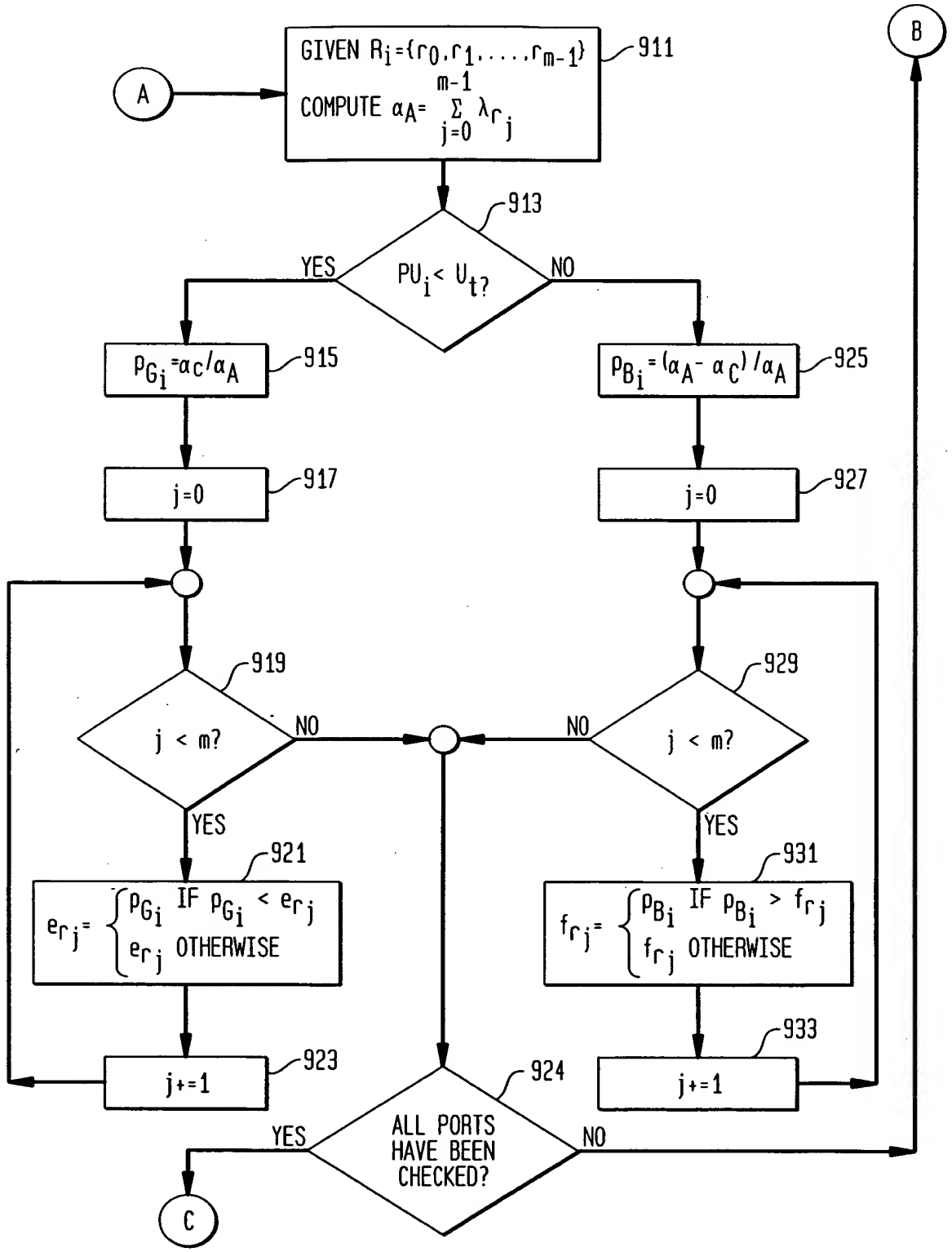
i+=1 — 937

B

APPROVED O.G. FIG.
CLASS SUBCLASS



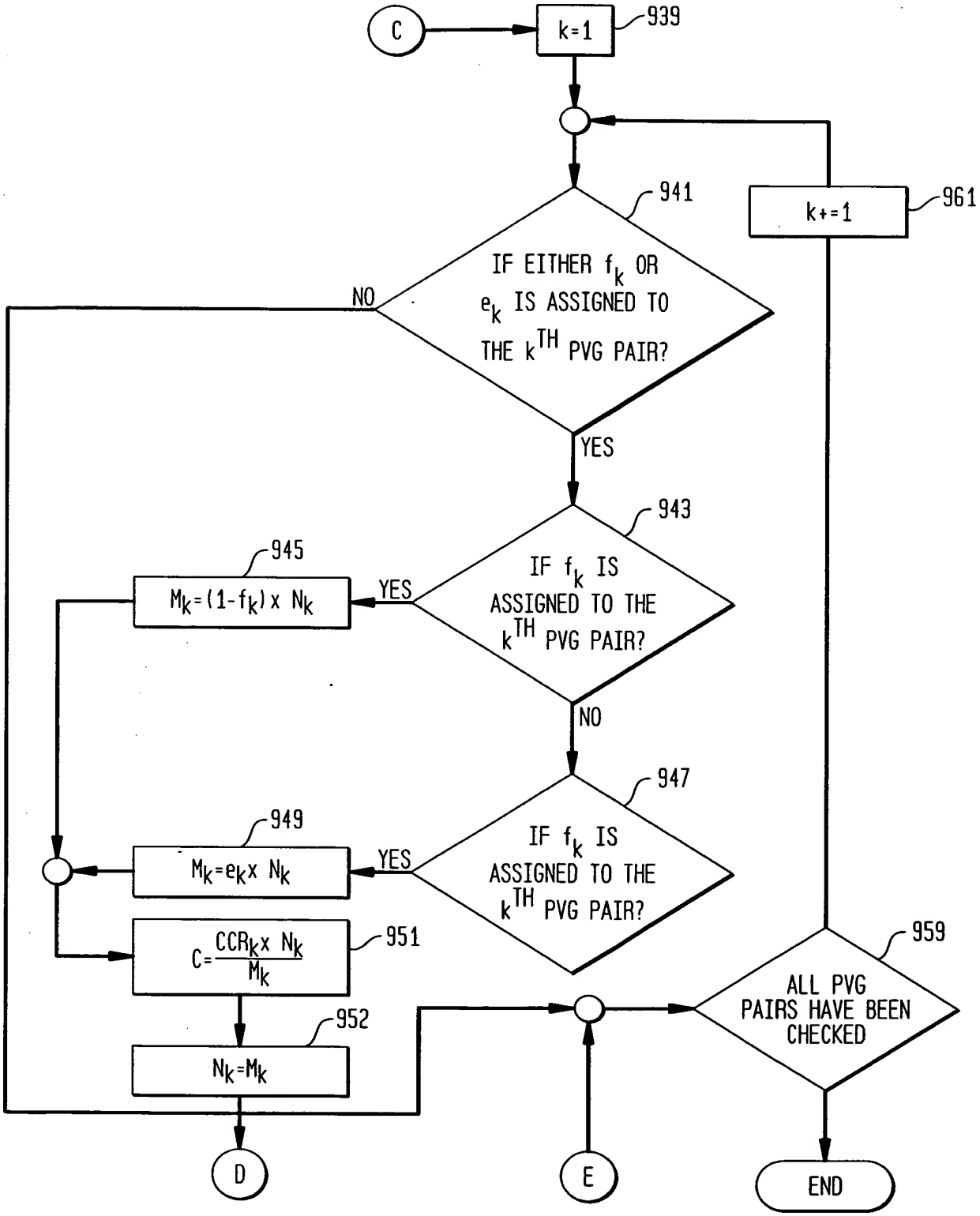
FIG. 9B



APPROVED O.G. FIG.
BY CLASS SUBCLASS
DRAFTSMAN



FIG. 9C



APPROVED BY C.G. FIG. CLASS SUBCLASS DRAFTSMAN

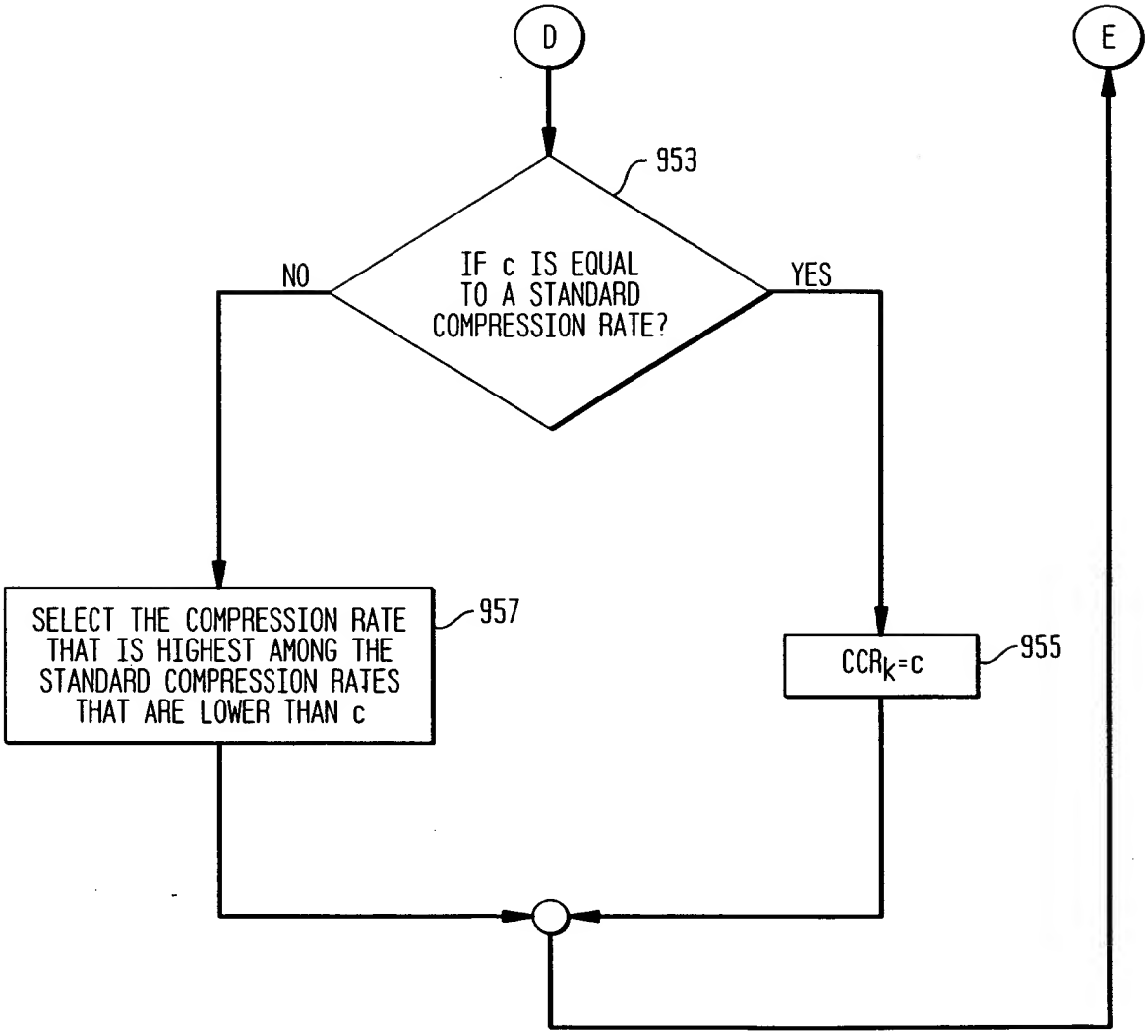



FIG. 9D